S11	11043	variable adj valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:52
S12	5	S10 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:53
S13	4	("4009695" | "4466392" | "5349929" | "6330870").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 16:56
S14	30	"5447138"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 11:08
S15	7	"6340016"	USPAT	OR	OFF	2007/07/23 17:15
S16	28	"5447138"	USPAT	OR	OFF	2007/08/20 11:14
S17	4	"0889224"	EPO; DERWENT	OR	OFF	2007/08/20 11:15
S18	8	"6340016"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 11:16
S19	57	("3628510" | "4009695" | "4205650" | "4364343" | "4495924" | "4694799" | "5074263" | "5687682" | "5713334" | "5724950" | "5836288").PN. OR ("6098585"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/20 11:23
S20	4	("7104235").URPN.	USPAT	OR	OFF	2007/08/20 11:44
S21	997	123/179.3,179.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 14:49
S22	2	ramp.ab. and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 11:45
S23	6	("20050224047" | "20050279324" | "5613474" | "6366049" | "7028657" | "7072759").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/20 11:46

S24	19	123/179.3,179.4.ccls. and run adj up	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 14:49
S25	5	123/179.3,179.4.ccls. and runup	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 14:49
S26	22	S24 S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 14:50
S27	8	("5115183" | "5785138" | "6035626" | "6102144" | "6202776" | "6425839" | "6453863").PN. OR ("6615785").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/20 14:57

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20070079782"	US-PGPUB	OR	OFF	2007/07/20 16:20
S2	993	123/179.3,179.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:20
S3	249119	(before priour) with start$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:21
S4	331686	(before prior) with start$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:22
S5	331686	S3 S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:22
S6	422	S2 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:24
S7	110	piston and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:24
S8	10	("4009695" | "4364343" | "4462348" | "5495127" | "6050232" | "6098585" | "6125808" | "6334417" | "6357409" | "6418899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 16:42
S9	13	("20030101956" | "20030121487" | "20040055553" | "4462348" | "5485127" | "5495127" | "6050232" | "6098585" | "6588397" | "6647955" | "6681173" | "6718928" | "6807934").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 16:51
S10	312	S6 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:52

EAST Search History

S11	11043	variable adj valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:52
S12	5	S10 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/20 16:53
S13	4	("4009695" | "4466392" | "5349929" | "6330870").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 16:56
S14	30	"5447138"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 11:08
S15	7	"6340016"	USPAT	OR	OFF	2007/07/23 17:15
S16	28	"5447138"	USPAT	OR	OFF	2007/08/20 11:14
S17	4	"0889224"	EPO; DERWENT	OR	OFF	2007/08/20 11:15
S18	8	"6340016"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 11:16
S19	57	("3628510" | "4009695" | "4205650" | "4364343" | "4495924" | "4694799" | "5074263" | "5687682" | "5713334" | "5724950" | "5836288").PN. OR ("6098585"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/20 11:23
S20	4	("7104235").URPN.	USPAT	OR	OFF	2007/08/20 11:44
S21	997	123/179.3,179.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 14:49
S22	2	ramp.ab. and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 11:45
S23	6	("20050224047" | "20050279324" | "5613474" | "6366049" | "7028657" | "7072759").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/20 11:46

S24	19	123/179.3,179.4.ccls. and run adj up	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 14:49
S25	5	123/179.3,179.4.ccls. and runup	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 14:49
S26	22	S24 S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/20 14:50
S27	8	("5115183" | "5785138" | "6035626" | "6102144" | "6202776" | "6425839" | "6453863").PN. OR ("6615785").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/20 14:57